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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum.

Claim 2. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

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a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum; and

wherein said body and piston are adapted to be releasably engaged by the use of a single hand.

Claim 3. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum; and

wherein [[the]] <u>said</u> latching mechanism includes interengaging latch members <u>disposed</u> on [[the]] <u>said</u> body and piston.

Claim 4. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum; an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

- a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;
- a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum; and
- a flexible finger <u>disposed</u> on said body and a stop <u>disposed</u> on said piston, wherein said flexible finger and said stop comprise said interengaging latch members.
- Claim 5. (Currently amended) A device for impacting a penetrating member against the stratum corneum comprising:
 - a body having a first end and a second end[[;]],
 - said first end being adapted to receive the penetrating member;
- a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;
- an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;
- a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and
- a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum[[; and]],

wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism.



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Claim 6. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum[[;]].

wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism[[;]], and wherein said latching mechanism and said piston releasing mechanism are adapted to allow one handed operation of each mechanism.

Claim 7. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

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a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum; and

a cap movably mounted on said body for activating [[the]] <u>said</u> releasing mechanism when said cap <u>is</u> moved [[onto]] <u>on</u> said body[[; and]], wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism.

Claim 8. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum; and

a cap movably mounted on said body for activating [[the]] <u>said</u> releasing mechanism when said cap <u>is</u> moved [[onto]] <u>on</u> said body[[; and]], wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism; and

a hold down spring disposed between [[the]] <u>said</u> body and [[the]] <u>said</u> cap for resisting the activation of [[the]] <u>said</u> release mechanism until said hold down spring has been sufficiently energized such that said hold down spring exerts a predetermined hold down force.

Claim 9. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum;

a cap movably mounted on said body for activating [[the]] <u>said</u> releasing mechanism when said cap <u>is</u> moved [[onto]] <u>on</u> said body[[; and]], wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism; and

a lock mechanism for preventing movement of said cap relative to said body whereby activation of [[the]] said release mechanism is prevented.

Claim 10. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body;

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum;

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a cap movably mounted on said body for activating [[the]] <u>said</u> releasing mechanism when said cap <u>is</u> moved [[onto]] <u>on</u> said body[[; and]], wherein said releasing mechanism is adapted to release said piston after a force is exerted upon said releasing mechanism;

a lock mechanism for preventing movement of said cap relative to said body whereby activation of [[the]] said release mechanism is prevented; and

an indicator for indicating when said cap is in said locked position.

Claim 11. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end [[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum[[; and]],

wherein said latching mechanism automatically locks said piston in a cocked position with respect to said body when said piston has been sufficiently disposed within said body.

Claim 12. (Currently amended) A device for impacting a penetrating member against the stratum corneum, comprising:

a body having a first end and a second end [[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum; an impact spring adapted to provide an impact force to [[the]] said piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into [[said]] the stratum corneum[[; and]].

wherein said piston includes an application surface having a shape and size which provides for an effective application of the specific patch that is adapted to cooperate with the specific penetrating member to be impacted.

Claim 13. (Currently amended) A device for impacting a penetrating member against the stratum corneum comprising:

a body having a first end and a second end[[;]],

said first end being adapted to receive the penetrating member;

a piston slidably disposed within said body for impacting the penetrating member against the stratum corneum[[;]], said piston including an application surface having a shape selected from the group consisting of a convex shape, a substantially planar shape and a shape configured to mate with a predetermined body surface site;

an impact spring adapted to provide an impact force to [[the]] <u>said</u> piston and bias said piston out of said first end of said body[[;]], wherein said impact spring is energized when said piston is further disposed within said body;

a latching mechanism wherein said latching mechanism adapted to releasably engages engage said piston with said body after said piston has been sufficiently disposed within said body; and

a releasing mechanism for disengaging said latching mechanism whereby said impact spring impacts said piston against the penetrating member forcing the penetrating member into said stratum corneum[[;]]

said piston further includes an application surface having a shape and size which provides for an effective application of the specific patch to be impacted; and

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wherein said application surface has a shape selected from the group consisting of a convex shape, a substantially planar shape and a shape configured to mate with a predetermined body surface site.

Claim 14. (Currently amended) A device for impacting a microblade array against the stratum corneum, the device comprising:

- a device body;
- a piston mounted within the device body, [[the]] said piston having a microblade array applying surface;
- an impact spring acting between [[the]] <u>said</u> device body and [[the]] <u>said</u> piston to impact the stratum corneum with the microblade;
 - a cap movably mounted on [[the]] said device body;
 - a hold down spring acting between [[the]] said device body and [[the]] said cap;
- a latching mechanism for locking [[the]] <u>said</u> piston in a cocked position with one hand by compressing [[the]] <u>said</u> device body and piston together; and
- a piston release for releasing [[the]] <u>said</u> piston from [[the]] <u>said</u> cocked position to impact the stratum corneum with [[the]] <u>said</u> microblade array when [[the]] <u>said</u> hold down spring is compressed.
- Claim 15. (Currently amended) A device for impacting a microblade array against the stratum corneum, the device comprising:
 - a device body;
- a piston mounted within the device body, [[the]] said piston having a microblade array applying surface;
- an impact spring acting between [[the]] <u>said</u> device body and [[the]] <u>said</u> piston to impact the stratum corneum with the microblade;
 - a cap movably mounted on [[the]] said device body;
 - a hold down spring acting between [[the]] said device body and [[the]] said cap;
- a latching mechanism for locking [[the]] <u>said</u> piston in a cocked position with one hand by compressing [[the]] <u>said</u> device body and piston together; and
- a piston release comprising a release finger for releasing [[the]] said piston from [[the]] said cocked position to impact the stratum corneum with [[the]] said microblade array when [[the]] said hold down spring is compressed, said piston release comprising a release finger.

Claim 16. (Canceled)

Claim 17. (Currently amended) A device for impacting a microblade array against the stratum corneum, the device comprising:

a device body;

a piston mounted within [[the]] <u>said</u> device body, [[the]] <u>said</u> piston having a microblade array applying surface;

an impact spring acting between [[the]] <u>said</u> device body and [[the]] <u>said</u> piston to impact the stratum corneum with [[the]] <u>said</u> microblade <u>array</u>;

a cap movably mounted on [[the]] said device body;

a hold down spring acting between [[the]] <u>said</u> device body and [[the]] <u>said</u> cap, said hold down spring <u>being</u> adapted to resist the activation of [[the]] <u>said</u> piston release until a predetermined hold down force is reached;

a latching mechanism for locking [[the]] <u>said</u> piston in a cocked position with one hand by compressing [[the]] <u>said</u> device body and <u>said</u> piston together; and

a piston release for releasing [[the]] <u>said</u> piston from [[the]] <u>said</u> cocked position to impact the stratum corneum with [[the]] <u>said</u> microblade array when [[the]] <u>said</u> hold down spring is compressed.

Claim 18. (Currently amended) A method of cocking a device for impacting a penetrating member against the stratum corneum, the method comprising the steps of:

providing an impacting device having a device body and a piston;

moving [[a]] said piston to a cocked position with respect to [[a]] said device body; and locking [[the]] said piston in [[the]] said cocked position, whereby [[the]] said device can be cocked and locked using only one hand.

Claim 19. (Currently amended) A method of cocking a device for impacting a penetrating member against the stratum corneum, the method comprising the steps of:

providing an impacting device having a device body and a piston;

moving [[a]] <u>said</u> piston to a cocked position by moving [[the]] <u>said</u> piston along the axis of [[the]] <u>said</u> device body; and

locking said piston in [[the]] <u>said</u> cocked position, wherein the device can be cocked and locked using only one hand.

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Claim 20. (Currently amended) A method of cocking a device for impacting a penetrating member against the stratum corneum, the method comprising the steps of:

providing an impacting device having a device body and a piston;

moving [[a]] <u>said</u> piston to a cocked position with respect to [[a]] <u>said</u> device body; and locking [[the]] <u>said</u> piston in [[the]] <u>said</u> cocked position, whereby [[the]] <u>said</u> device can be cocked and automatically locked using only one hand.

Claim 21. (Currently amended) A method of cocking a device for impacting a penetrating member against the stratum corneum, the method comprising the steps of:

providing an impacting device having a device body and a piston;

moving [[a]] said piston to a cocked position with respect to [[a]] said device body; and locking [[the]] said piston in [[the]] said cocked position, whereby [[the]] said device can be cocked and manually locked using only one hand.

Claim 22. (Currently amended) A method of impacting a penetrating member against the stratum corneum, the method comprising the steps of:

providing an impacting device having a device body, a piston, and an impact spring; cocking [[the]] <u>said</u> impacting device using only one hand by moving [[the]] <u>said</u> piston and [[the]] <u>said</u> device body together to a cocked position and locking [[the]] <u>said</u> piston in [[the]] <u>said</u> cocked position;

providing a penetrating member;

mounting said penetrating member on said piston; and releasing said piston to impact the penetrating member against the stratum corneum.

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Applicants accordingly respectfully request examination and consideration of the subject application in view of the foregoing amendments.

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